

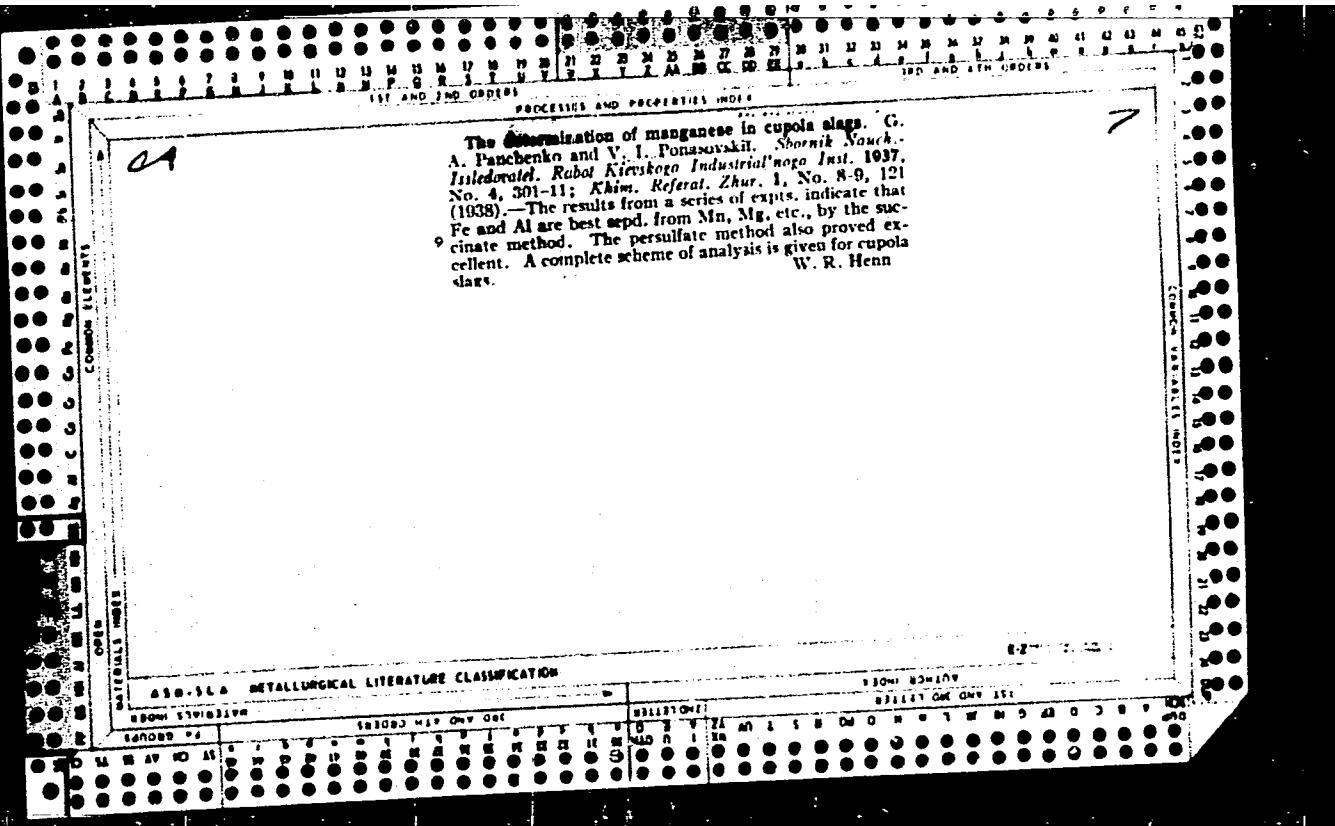
"APPROVED FOR RELEASE: 06/15/2000

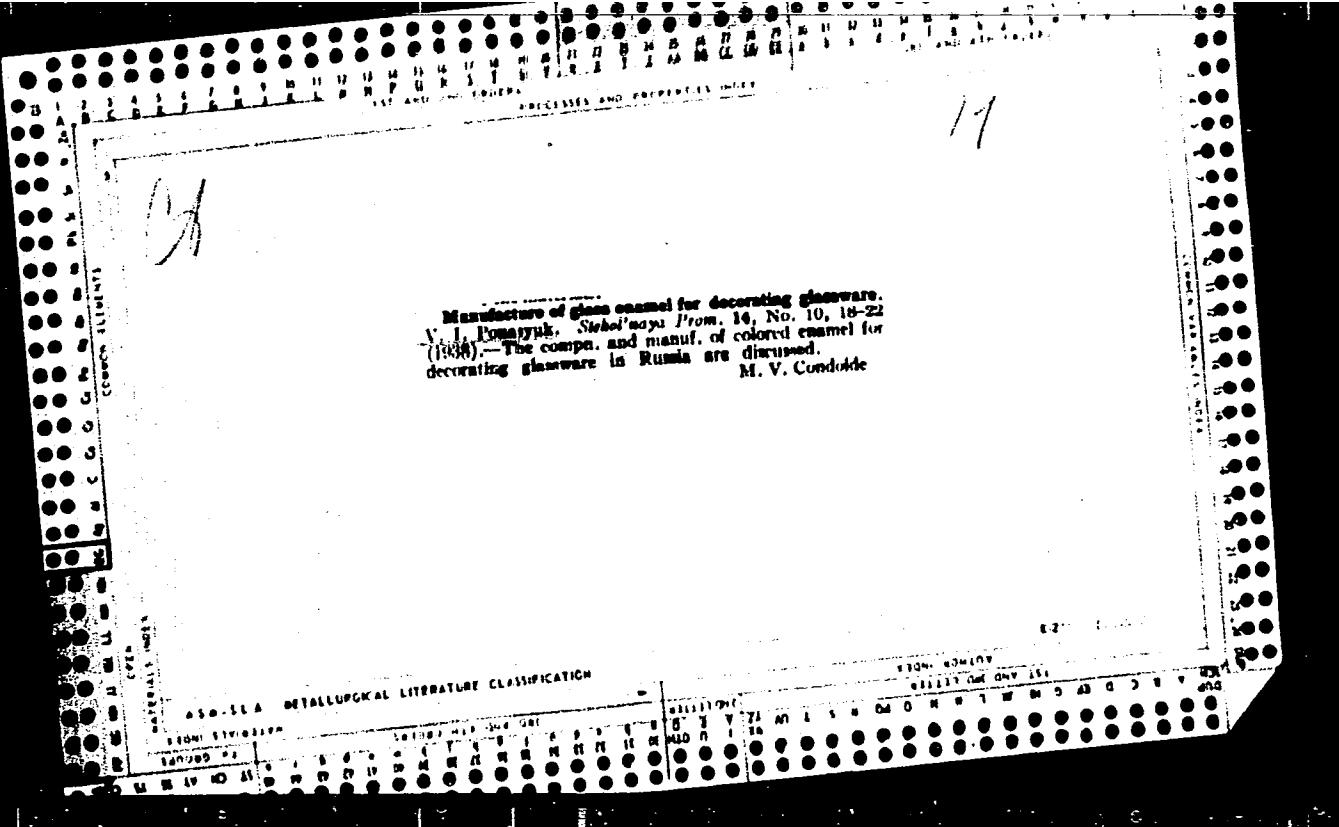
CIA-RDP86-00513R001342110006-3

PONASHCHATENKO, N.B.,
G. O. ZINCHIK, Ogneupory 8 (2) 75-83 (1940)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"





PEN HENKOV, Ya. D.

KLIMOV, P.P., kandidat tekhnicheskikh nauk; BUZHEVICH, G.A., kandidat tekhnicheskikh nauk; PONASYUZHENKOV, Ya.D., kandidat tekhnicheskikh nauk.

Heat conductivity of granulated blast furnace slag cements. Stroi. prom. 35 no.2:29-30 p '57. (MLRA 10:3)
(Slag cement) (Heat-Conduction)

PC-NL-D-1-Key 27-1
BLINOVA, V.N.; DEMIDOV, A.A.; KOLIN, Ya.S.; MAKUSHKIN, Ya.G.; MYZIN, L.M.;
PERMYAKOV, N.P.; PONEDILKO, A.I.; BOROVIK, Z.G.; YEFREMOV, I.A.;
KOPAYGORODSKIY, A.B.; MARINOV, A.M.; MIKHOBOSHOVA, O.I.; POKROVSKIY,
A.Y.; ROMANOVSKIY, A.A.; RASSADNIKOV, Ye.I., red.; SAVEL'YEV, V.I.,
red.; FRIDKIN, A.M., tekhn.red.

[Electric power in the Urals during the past 40 years] Energetika
Urala za 40 let. Moskva, Gos. energ. izd-vo, 1958. 141 p.
(MIRA 11:5)

(Ural Mountain region--Electric power)

PONDELIKOVA, D.
LAMICEK, L.; MATOUSEK, M.; PONDELIKOVA, D.

Treatment of insulin coma with peripheral electrostimulation. Cesk.
psychiat. 53 no.4:247-255 Sept 57.

1. Psychiatricka lecben, Dobrany.

(DIABETUS MELLITUS, compl.

coma, electric shock ther. (Cz))
(SHOCK THERAPY, ELECTRIC, ther. use
in diabetic coma (Cz))

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3

15
✓ ~~Montmorillonite and native clays and their application to the~~
15

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

PONEC, J.

"Development of Schools of Technology", P. 3, (TECHNICKE NOVINY, Vol. 1,
No. 17/18, Dec. 1953, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

VINARSKIY, M.S.; PONEDELIN, I.A.

Method for determining the structural-mechanical properties of cement muds and plugging mixtures. Burenie no.4:21-25 '64.

(MIRA 18:5)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti.

PONEDELKO, B.I.

Survival of young *Coregonus peled* (Gm.) at different ages and
under various ecologic conditions. Vop.ikht. 3 no.1:113-123
'63. (MIRA 16:2)

1. Laboratoriya akklimatizatsii Gosudarstvennogo nauchno-
issledovatel'skogo instituta ozernogo i rechnogo rybnogo
khozyaystva (GosNIORKh).
(Whitefishes)

IVANOV, Ye. V.; GAODU, A.N.; GUZENKO, G.F.; Prinimali uchastiye: ALEKHIN, A.I.;
PONEDEL'NIKOV, A.V.; KUL'BUS, Yu. N.

Smelting refractory materials in the OKB-514 electric furnace
and manufacturing articles from them. Ogneupory 26 no.5:214-
220 '61. (MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov.
(Electric furnaces)
(Refractory materials)

PONEDEL'NIKOVA, YE. G.

Physical Chemistry

Dissertation: "The Velocity of Sound in Associated Liquids and Its Dependence on Temperature." Cand Chem Sci, Moscow Chemicotechnological Inst. Moscow, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 3, Feb 54)

SO: SUM 213, 20 Sept 1954

PONEDEL'NIKOVA, YE. G.

Physical Chemistry

Dissertation: "The Velocity of Sound in Associated Liquids and its Alpha- and Gamma-Derivatives." Cand Chem Sci, Inst of Organic Chemistry, Acad Sci USSR, 16 Mar 54.

SO: SUM 213, 20 Sept 1954

PONEDEL'NIKOVA, E. G.

USSR/Physics

Card 1/1

Authors : Tarasov, V. V., and Ponedel'nikova, E. G.

Title : The speed of sound and the structure of associated liquids

Periodical : Dokl. An SSSR, 96, Ed. 4, 789 - 791, June 1954

Abstract : The nature of the associative structure of liquids and its effect on the speed of sound is discussed. The velocity of sound depends directly upon the values of the quasi-elastic coefficients of the bonds between the molecules of the liquid. Associated liquids should have a much higher value of the speed of sound than nonassociated liquids. The difference in the degree of the effect of association on the speed of sound or the adiabatic compressibility is interpreted by taking into consideration the nature of the associative structures. Nine references. Graphs.

Institution : The D. I. Mendeleyev Chemical-Technological Institute

Presented by: Academician P. A. Rebinder, March 9, 1954

PONEDEL'NIKOVA, E. G.

USSR/Chemistry - Physical Chemistry

Card : 1/1

Authors : Ponedel'nikova, E. G. and Tarasov, V. V.

Title : The generalized Rao law for associated liquids

Periodical : Dokl. AN SSSR, 96, Ed. 6, 1191 - 1194, June 1954

Abstract : In order to test the generalized Rao law the authors measured the speed of ultra sound in liquids the molecules of which form various types of associative structures due to the hydrogen bond. The measurements were carried out by means of a sound interferometer and a quartz plate with natural frequency of 1 mc was used as the source of ultrasonic oscillations. Results indicate that the Rao law, in its generalized form, is applicable to all liquids. Associated liquids are subject to the Rao law in the same degree as are nonassociated liquids. Seven references. Tables, graphs, diagram.

Institution : The D. I. Mendeleyev Chemico-Techn. Institute, Moscow

Presented by : Academician P. A. Rebinder, March 9, 1954

21303

p/044/60/000/012/003/006
A107/A126

9,4700

AUTHOR:

Pondo, A., Major, Master of Engineering

TITLE:

Detection and ranging efficiency of radar stations

PERIODICAL: Wojskowy Przeglad Lotniczy, no. 12, 1960, 50-57

TEXT: Stressing the importance of this problem the author tries to explain it by the general formula $P(r > Rp) = p$ (1), where r = detection distance; Rp = the efficiency at $p\%$ detection probability, and $P(r > Rp)$ = the probability factor at $0 \leq p \leq 1$. Figure 1 shows the probability of the detection efficiency of airborne objects; upper drawing: the degree of the probability of the detection efficiency and the surface corresponding to $p\%$ of the detection probability; lower drawing: the detection probability at a distance not less than r . At the computation of the detection range of an airborne object the problem arises of determining the value Rp based on the measure N for detection distances $r_1, r_2, \dots, r_i, \dots, r_n$. This problem can be solved by two methods, i.e. the graphical and the approximate-computation method. The graphical determination method is based on a Gauss coordinate system (normal) showing the break values (horizontal grid) and the probabil-

Card 1/9

PONEBSEK, B.

"Design and execution of conveying machinery, with special regard to hoisting machinery" by J. ten Brink and H. Kauffold. Reviewed by B. Ponebsek. Automatika 4 no.2:153 '63.

PONEC, J.

Ponec, J.

Water snakes of the Little Carpathians. p. 13.

Vol. 10, no. 1, Feb. 1955

OCHRANA PRIRODY

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

PONEC, J.

PONEC, J. Contribution to the discussion of Kohlmann's article concerning the problems of college education. p. 575.

Vol. 17, No. 10, Oct. 1956.

SLABOPRUDY OBZOR.

TECHNOLOGY

Praha, Czechoslovakia

Re: East European Accession, Vol. 6, No. 3, March 1957

ADALEK, J.; SELRAD, B.; POMEK, V.

CSSR

Institute of Physical Chemistry, Charles University, Institute for Physical Chemistry, Czechoslovak Academy of Science, Prague

Prague, Collection of Czechoslovak Chemical Communications, No 12, 1963,
pp 2966-2968.

"Thermomolecular Effect of Ammonia"

3

~~PONEDILKO, A.I.~~, inzhener, laureat Stalinskoy premii; KAYETANOVICH, M.M.,
~~redaktor~~; BABOCHKIN, S.N., tekhnicheskiy redaktor.

[Repairing live electric power lines] Remontnye raboty na liniakh
elektroperedachi pod napriasheniem. Moskva, Gos. energ. izd-vo, 1951
331 p.
(Electric lines--Maintenance and repair)

PONEDILKO, A.I., inzh.

Expulsion of wooden supports of 35-110 kv. lines in swelling soils.
Elek. sta. 29 no.7:90-91 Jl '58. (MIRA 11:10)
(Electric lines--Poles)

PONEDILKO, A.I., inzh.; GRYAZNOV, G.I.

Use of wooden poles on 110, 35, and 6 kv. electric power transmission
lines. Elek.sta. 32 no.4:65-68 Ap '61. (MIRA 14:7)
(Electric lines--Poles)

PONEMUNSKAYA, M.A.

SOCHIEVANOV, V.G.; PONEMUNSKAYA, M.A.

[Methods for the rapid determination of lead and their application
in ore analysis] Metody uskorenного определения свинца и их
применение к анализу руд. Москва, Гос. изд-во геол. лит-ры, 1952.
38 p. (MLRA 7:3)
(Lead ores--Analysis)

PONER, P. A.

6303. Pon'er, P. A. Bor'ba s nanosami na gornykh reshetchatykh bodoza-bornykh. Uzlakh ges/ alma-ata, 1954. 12s. s chert. 22sm. (akad. nauk kazakh. SSR. In-t Energetiki). 100 ekz. B. Ts. [54-58154]

SO: Knizhamya Letopis' 1, 1955

FREYDENZON, Ye.Z.; FREYDENZON, Yu.Ye.; KOTSAR', S.I.; ZATULOVSKAYA, Ye.M.;
Prinimali uchastiye: KAS'YANOVA, K.S.; MEDRIK, I.Ya.; TIMOFEEVA,
T.D.; KOTEL'NIKOVA, Z.G.; VOYLOSHNIKOVA, A.I.; VASEVA, R.S.;
GNATYUK, P.I.; MYKOL'NIKOV, A.A.; BURKSER, A.Ye.; PONER, D.M.;
OGORODNIKOV, G.K.

Developing an efficient shape for slab ingots. Stal' 25 no.6:
(MTRA 18:6)
539-543 Je '65.

I. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Ye. Freydenzon,
Yu. Freydenzon, Kotsar', Zatulovskaya).

PONER, P. A., kand. tekhn. nauk

"Improved type of water intake with a screened bottom
gallery" by A. I. Irykova, R. Zh. Zhulaev. Reviewed by P. A.
Poner. Gidr. i mel. 15 no.3:55-56 Mr '63.
(MIRA 16:4)

(Intakes(Hydraulic engineering))
(Irykova, A. I.) (Zhulaev, R. Zh.)

PONER, P. A.

"Struggle Against Silt in Mountain Grill-Water-Intakes in Hydroelectric Power Plants." Cand Tech Sci, Inst of Power Engineering, Acad Sci Kazakh SSR, Alma-Ata, 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

PONER, P. A.

SOV/112-58-2-2027

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 2, p 41 (USSR)

AUTHOR: Ponter, P. A.

TITLE: Methods for Designing the Silt-Intercepting Trench of an Intake with a Submerged Rack-Gallery (Metodika rascheta nanosoperekhvatyayushchey transhei vodozabora s donnoy rechetchatoy galereyey)

PERIODICAL: Izv. AN KazSSR, Ser. energ., 1956, Nr 10, pp 64-75

ABSTRACT: Inadequate functioning of a water intake with a submerged rack gallery, as far as silt-removal is concerned, has often been a result of an incorrect position of these structures in the hydro-development layout. Usually, silt-catching structures are placed at the end of the water-inlet gallery; hence, a stream with high silt content flows into the inlet structure. This could be avoided by transferring the silt-catching system upstream. In case of mountain rivers, a silt-intercepting trench can be arranged along the water-intake gallery. Investigations conducted on a model by the Institut Energ. AN KazSSR (Power-Engineering Institute, AS KazSSR) revealed that wash structures of

Card 1/2

Methods for Designing the Silt-Intercepting Trench of an Intake with a Submerged . . .
grit-catchers should be designed as a system of holes running along the entire length of the trench. This assures a continuous washing of the trench and an adequately high concentration of grit in the washing discharge. It has been found that the best system of trench washing, involving but a small water spill-over, is a system of tubular washers employed along the whole length of the trench. Such washers secure catching, and diverting downstream, 90-95% of the entire amount of grit reaching the hydro-development and having a size less than the rack clearance; only 5-10% of the water discharge is spilled. On the basis of laboratory investigations and theoretical studies, methods for designing a silt-interception trench with a rack, and a system for washing it, have been developed.

SOV/112-58-2-2027
A. Yu. F.

Card 2/2

PONERT, Jiri, promevany biolog, inz. chemie

Oxalic acid in spinach plants. Rost výroba 11 no.3:303-306
Mr '65.

1. Office of Patents and Inventions, Prague 1, Vaclavské nám.
1. Submitted November 4, 1964.

RUMANIA / Chemical Technology. Drugs. Vitamins. Anti- H
biotics.

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 74926.

Author : Ponesku, Stanchiu, Mureshanu, Breilyanu,
Isbeshnesku, Simionovich.

Inst : Not given.

Title : The Factors Affecting Extraction in the Pre-
paration of Tinctures.

Orig Pub: Farmacia (Romin), 1956, 4, No. 2, 134-141.

Abstract: No abstract.

Card 1/1

KRENDELEV, F.P.; LUCHKO, A.G.; PONETAYEV, P.A.; PETROV, B.M.

Quartz syenites in the northern part of the Yenisey Range. Sov.
geol. 8 no.4:129-131 Ap '65. (MIRA 18:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.

KNOR, Z.; PONETS, V.[Ponec, V.]; CHERNY, S.[Cerny, S.]

Interaction between hydrogen and oxygen on evaporated
palladium films. Kin. i kat. 4 nc.3:437-442 My-Je '63.
(MIRA 16:7)
1. Institut fizicheskoy khimii AN Chekhoslovatskoy Sotsialisticheskoy Respubliky, Praga.
(Hydrogen) (Oxygen) (Palladium)

ZHIV, M.

Gallmonulomatis (Mildare's disease) in turkeys and peacocks in
Bulgaria. Jav. Vet. inst. zarezi parazit 9:133-136 '63

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3

PGNEV, M.

An infection in chickens caused by Escherichia metacoloides.
Izv Vet inst zaraz parazit 7 85-90 '63.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

PONEV, M.

Investigation on Aegyptianella pullorum in Bulgaria. Izv. mikrob.
inst., Sofia 2:147-153 1951 (CIML 21:3)

1. Doctor, Specialist Bacteriologist at the Veterinary Bacteriological Institute, Stara Zagora.

PONEV, Mikhail

A hen's disease caused by Cytodites medus Vizioli (1868). Selskostop nauka 1 no.4/5:513-516 '62.

1. Raionna veterinarna stantsiiia v gr. Tolubukhin.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3

BARTLET, P.D.; PONEVA, L. [translator]

Free radicals. Biolog i khim no. 6:3-7 '61.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

VOLFKOVICH, S. I. [Vol'fkovich, S. I.], akad.; PONEVA, L. [translator]

Current problems of chemization in rural economy. Biol i khim
6 no. 3: 7-18 '63.

PONEVAC, J.

✓ New methods of oxidizing roasting of antimony. S. Černoch, L. Počákal and S. Tomčo. *Neue Hütte* 4, 159-64 (1968). Numerous imperfections of the old roasting furnace installation of the Vajakova smelter led to expts. with flash-roasting furnaces and fluidized-bed roasting. The aims of the investigation were better control of the volatilization process, low Sb and S content of the roast residues, avoidance of slag accretions in the furnace, decrease of operating and maintenance costs, and increase of the yield and furnace efficiency. The objects have been realized in a flash-roasting furnace, the characteristic of which is operation without a solid phase in the reaction room with fountain-like movement of the roast gases. The roasting furnace with fluidized bed gave unsatisfactory results because it did not allow the formation of a fluidized phase, and the softening temp. of the material was so low that its sintering and caking on the bed was unavoidable. H. Neubert

5
4EPC

PONEVAC, J.

TECHNOLOGY

periodicals: SBORMIK VIDECHYCH PRAC Vol. 2, 1957

PONEVAC, J. New method of antimony production. p.89

Monthly List of East European Accessions (EMAI) LC Vol. 8, no. 5
May 1959, Unclass.

PONEVEZHSKIY, A.

"SP-16". Vympel 11 no.16:8-9 Ag '48.
(Tugboats)
(Black Sea--World War, 1939-1945--Naval operations)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3

PONEVEZHESKIY, A.

Old friends. Vypel 11 no.6:6-7 Mr '48. (MIRA 12:9)
(Mine sweepers)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

S/058/62/000/006/017/136
A061/A101

AUTHORS: Apshev, S. Zh., Karashayev, A. A., Matuyev, V. A., Khakunov, M.,
Ponezhev, M. Kh.

TITLE: On the transverse component of the momentum of neutral strange
particles

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 52 - 53, abstract 6B369
("Uch zap. Kabardino-Balkarsk. un-t", 1961, no. 13, 155 - 161)

TEXT: The penetrating showers of cosmic radiation were investigated with
an apparatus consisting of a doubled Wilson chamber in the magnetic field, con-
trolled by a system of Geiger counters. The distribution of the transverse com-
ponents, P_t , of the momenta of θ^0 and Λ^0 -particles generated in these showers
was examined. The apparatus permitted the measurement of momenta up to 2 -
2.5 Bev/c. In all, 13 Λ^0 -particles and 11 θ^0 -particles were processed. For
their greater part, these particles were in the range of $P_t = 0.2 \div 0.4$ Bev/c.
The mean value of P_t was 0.516 Bev/c, and within the experimental errors did not
depend on the particle type. ✓

[Abstracter's note: Complete translation]

L. Landsberg

Card 1/1

AGLAMAZOV, V.A.; BURDULI, A.V.; GEDEVANISHVILI, L.D.; KOKHODZE, L.Sh.;
PONEZHEV, M.Kh.; SAKVARELIDZE, I.I.; KHAZARADZE, N.G.

Fluctuations in the spatial distribution of μ -mesons in
extensive air showers. Izv. AN SSSR. Ser. fiz. 29 no.9:
1686-1689 S '65.

(MIRA 18:9)

L 4484-66	ENT(m)/FCC/T	IJP(c)
ACC NR:	AP5024634	
	SOURCE CODE: UR/004B/65/029/009/1686/1689	
AUTHOR:	Aglamanov, V.A.; Khazaradze, M.G.; Burduli, A.Y.; Gedevanishvili, L.D.; Kokhodze, L. Sh.; Ponezhov, M.Kh.; Sakvarelidze, I.I.	
ORG:	none	
TITLE:	On fluctuations in the lateral distribution of muons in extensive air showers /Report, All-Union Conference on Cosmic Ray Physics held at Apatity 24-31 August 1964/	
SOURCE:	AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 9, 1963, 1686-1689	
TOPIC TAGS:	secondary cosmic ray, muon, extensive air shower, particle distribution	
ABSTRACT: The authors have investigated the lateral distribution of penetrating particles accompanying extensive air showers. The showers were detected by three 0.07 m^2 scintillation counters at the vertices of an isosceles right triangle having 10 m legs. The position and direction of the shower axis were determined with the aid of six trays of Geiger counters located at the vertices and at the centers of the 70 m sides of an equilateral triangle. The penetrating particle detector was located 200 m.w.e. below the center of the surface assembly and comprised six systems of two 0.5 m^2 trays of 15 counters each, the two trays of each system being separated by 15 cm of lead. In order to avoid errors due to delta electrons, triggering of two adjacent counters was always ascribed to passage of a single penetrating particle. Data on over 10^4 showers with		
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total number of particles ranging from 5×10^4 to 5×10^6 are tabulated. The lateral distribution of penetrating particles was found to be in good agreement with the formula of S.Bennet and K.G.Tiszen (Physik Rev., 124, 6, 1961). Many more cases were observed in which two or more (1 to 5) penetrating particles were recorded in a single shower than can be accounted for by random fluctuations, considering the low flux of penetrating particles and the small area of the detector. It is concluded that correlated groups of muons occur in the column of an extensive air shower, and it is suggested that these may be due to fluctuations in the elementary interaction of ultrahigh energy nucleons. The relation between the frequency of coincidences in the penetrating particle detector and the distance between the two counters involved was in good agreement with that found by L.D.Gedevanishvili and I.I.Sakvarelidze (Soobshcheniya AN GruzSSR, 32, No.2, 297, 1963). In conclusion, the authors express their gratitude to E.L.Andronikashvili for his guidance of the work, and to M.P.Bibilashvili, R.K.Kamarr, G.Ye.Chikovani, A.K.Dzhavrichvili, and I.V.Khaldeyeva for assistance with the work.

Orig. art. has: 1 formula and 3 figures.

SUB CODE: MP/ 8 TERM DATE: 00/ CMC REV: 001/ OTH REV: 001

OC

Card 3/2

PONGIL'SKIY, Aleksey Flegontovich; ENGEL'-KRON, I.V., nauchn.
red.; SHUMILOVA, Ye.M., red.; NESMYSLOVA, L.M., tekhn.red.

[Plumber's manual on the repair of pipelines and steam-and-water equipment] Slesar' po remontu truboprovodov i parovodianoi armatury. Moskva, Proftekhnizdat, 1964. 303 p.
(MIRA 17:3)

ROZHKOY, V.M.; SHOFMAN, L.A.; ROZANOV, B.V.; KUZ'KO, Yu.P.; PONGIL'SKIY, N.F.;
LIVANOV, V.A.; LUCHIN, V.V.; KUZNETSOV, K.I.; TSYPER, V.A.;
CHERNOVSKY, V.K.

Points for pipe presses. Biul.TSIICHM no.9:52
(Pipe mills--Equipment and supplies) *160* MIRA 15:4)

ACCESSION NR: AP5009921

UR/0032/65/031/004/0501/0503

AUTHORS: Ryabchenkov, A. V.; Sidorov, V. P.; Gurasimov, V. I.; Pongil'skiy, N. F.

TITLE: Apparatus for testing steel for corrosive cracking in aqueous solutions with known concentration of salts and oxygen

SOURCE: Zavodskaya laboratoriya, v. 31, no. 4, 1965, 501-503

TOPIC TAGS: steel, steel corrosion, corrosive cracking, oxygen / Kh18NIOT steel, EP17 steel, EI695R steel, EP184 steel

ABSTRACT: An apparatus for high-temperature testing of steels for their tendencies to corrosive cracking in aqueous solutions with known concentration of salts and oxygen was developed (see Fig. 1 on the enclosure). It consists of an autoclave 1 with the specimens, a convection loop 2 with a heater 3 and a cooler 4, a pressure stabilizer 5, a pump 6, a doser 7, a tester 8, and an intermediate tank 9. Experiments are conducted on specimens

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ACCESSION NR: AP5009921

corrected with the doser which is also used for a more intensive liquid exchange. The intermediate tank serves for adding gas to the stabilizer in the course of an experiment. Austenite steels Kh18NiOT, EP17, EI695R, and EP184 were tested in a solution containing 500 g/liter of chloride ions and 0.4 mg/liter of oxygen. It was found that under these conditions cracking may occur very rapidly (in 500 hr). Steels EI695R and EP184 proved to be most resistant. An addition of nickel in steel increased its resistance. This method may be applied to testing for general, contact, and intercrystalline corrosion in water with a known oxygen content. Orig. art. has: 1 diagram.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya (Central Scientific Research Institute of Technology and Machine Construction)

SUBMITTED: 00

ENCL: 01

SUB CODE: NM

NO REF SOW: 001

OTHER: 002

Card 2/ APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001342110006-3

ACCESSION NR: AP5009921

ENCLOSURE: 01

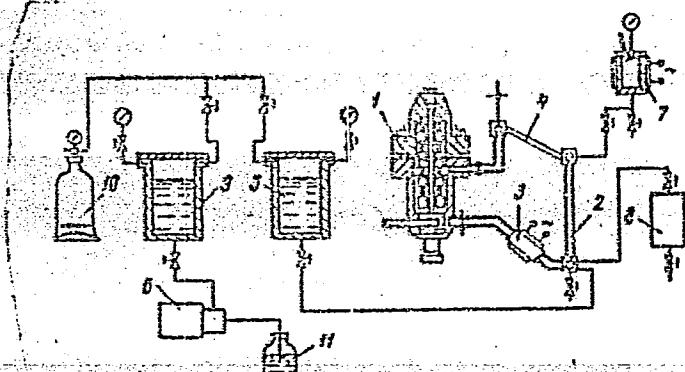


Fig. 1.

Apparatus 3-V for testing corrosion under stress at a constant deformation in aqueous solutions of high parameters at a known oxygen concentration.
10- tank with compressed gas; 11- feeding container. For other designations see text.

Card 3/3

L-64373-65 EWT(d)/EWT(m)/EWP(w)/EFF(c)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h), EWP(z)/
EWP(b)/EWP(l) MJW/JD/AB

ACCESSION NR: AP5019122

UR/0032/65/031/008/1019/1020
620.197-111

4/4

✓/✓

AUTHORS: Ryabchenkov, A. V.; Sidorov, V. P.; Pengil'skiy, N. F.

TITLE: Apparatus for recording long-duration corrosion strength of small-diameter
specimens in water at high pressures and temperatures

TOPIC TAGS: corrosion strength testing, corrosion strength, steel property, metal property / Kh18NIOT steel, EP17 steel

ABSTRACT: To improve the accuracy of previous experimental apparatus designs (W. C. Schroeder and A. A. Berk. Metals Technology, No. 1, 1963; A. V. Ryabchenkov and V. P. Sidorov. Zavodskaya laboratoriya, XXV, 2, 1959), a new apparatus for recording corrosion strength of small specimens (0.5-1.0 mm thick) in water at 100°C, 350C and 200 atm was developed (see FIG. 1 in the enclosure). It consists of an autoclave 1 with specimen 2, container 3, weight 4, sleeve 5, upper support 6, bracket 7, weight support 8, load release 9, and contacts 10 which record the failure of the specimen. Sample experiments were conducted.

Card 1/3 1b

2 atm

L 64373-65

ACCESSION NR: AP5019122

stress of 40 kg/mm^2 , temperature 350C and pressure 200 atm. Failure occurred after 1150 and 3330 hours respectively. The apparatus proved easy to use and service. Orip. art. has: 1 figure.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NO REF SOV: 002

OTHER: 001

Card 2/3

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

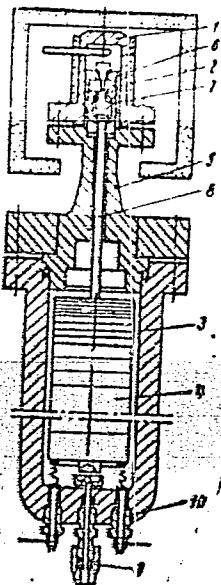
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CIA-RDP86-00513R001342110006-3

L 64373-65

ACCESSION NR: AP3019122

ENCLOSURE: 01



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Card 3/3

Fig. 1. Schematic of apparatus

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CIA-RDP86-00513R001342110006-3"

RYABCHENKOV, A.V.; PONGIL'SKIY, N.F.; ZAYTSEV, E.G.; GERASIMOV, V.I.

Apparatus for corrosion tests under strain at high temperature
and pressure. Zav.lab. 31 no.10:1265-1268 '65.

(MIRA 19:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii
i mashinostroyeniya.

L 3822-66 EWT(d)/EWT(m)/EPF(c)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(1)
ACCESSION NR: AP5024828 JD/WB UR/0032/65/031/010/1265/1268 48
620.198-1.0.5 45

AUTHOR: Ryabchenkov, A. V.; Pongil'skiy, N. F.; Zaytsev, E. G.; Gerasimov, V. I.

44,55 44,55 44,55 44,55

TITLE: A device for corrosion tests under stress at high temperature and pressure

SOURCE: Zavodskaya laboratoriya, v. 31, no. 10, 1965, 1265-1268

TOPIC TAGS: stress corrosion, high temperature effect, pressure effect

44,55 16

ABSTRACT: The article is a description of a device patented by the authors for studying corrosion in metals under stress at high temperatures and pressures (Author's Certificate No. 154078, published in *Byulleten' izobreteniy* No. 8 1963). Schematic diagrams are given of the instrument as a whole and of its principal parts. A general schematic of the device is shown in fig. 1 of the Enclosure. The unit consists of working chamber 1 with loading device 2, supercharger 3, intermediate storage vessels 4 and 5 and sampler 6. These elements form a closed circulation system with connecting tubes 7. The installation also contains a supply tank 8, a pressure-equalizing device 9, protection 10 and control 11 instrumentation located on a separate control board and in the cabinet of the device. The operation of the

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L 3822-66

ACCESSION NR: AP5024828

instrument is described in detail. The installation is designed for a preprogrammed automatic testing cycle. Orig. art. has: 3 figures.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashino-stroyeniya (Central Scientific Research Institute of Technology and Machine Building)

SUBMITTED: 00

ENCL: 01

SUB CODE: IE

NO REF SOV: 003

OTHER: 000

Card 2/3

L 3822-66

ACCESSION NR: AP5024828

ENCLOSURE: 01

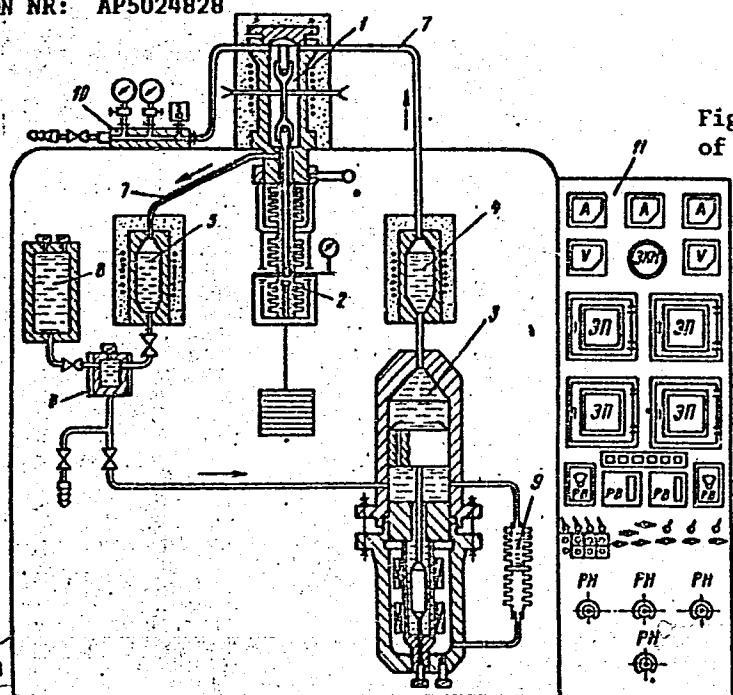


Fig. 1. Schematic diagram
of the installation

Card 3/3

L 41029-65 EPP(n)-2/EPR/EPA(s)-2/EWT(1)/EPA(bb)-2/T-2 Pe-4
ACCESSION NR: AP5008571 S/0286/65/000/006/0111/0111

AUTHORS: Ryabchenkov, A. V.; Pongil'skiy, N. P.; Zaytsev, E. G.; Borisov, D. P.; ³¹
Svobodin, A. A. ³² ³³

TITLE: An electromagnetic piston pump. Class 59, No. 169401

SOURCE: Rassvetom! iachmatov i tsvarmich smakov. no. 6. 1965. 111

TOPIC TAGS: piston pump, electromagnetic pump, pump pressure equalizer

ABSTRACT: This Author Certificate presents an electromagnetic piston pump with programmed measuring of forced corrosive liquids with the help of a timing relay (see Fig. 1 on the Enclosure). The relay is made with two chambers, one of which contains the electromagnetic windings and is filled with the cooling medium: the other chamber is the working cylinder. The piston rod of the working chamber is rigidly connected to the core of the electric magnet. To provide measured forcing of the corrosive liquids under various pressures, the electromagnetic windings are shielded by a thin-walled shield. This shield is relieved from the pressure by a hollow membrane pressure equalizer established in the trunk line between the forced

Card 1/3

L 41029-65

ACCESSION NR: AF5008571

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i
mashinostroveniya goskomitata SM SSSR po avtomatizatsii i mashinostroeniyu (Tsentravto)

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CIA-RDP86-00513R001342110006-3

SUBMITTED: 02Nov62

ENCL: 01

SUB CODE: PR,EM

NO REF Sov: 000

OTHER: 000

Card 2/3

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

L 14812-65 EWT(m)/EWA(d)/EMP(t)/EMP(b) ASD(m)-3 MJW/JD

ACCESSION NR: AP4030663

S/0129/64/000/004/0018/0021

AUTHORS: Ryabchenkov, A.V.; Gerasimov, V.I.; Pongil'skiy, N.F.;
Zaytsev, E.G.

TITLE: Long term corrosion resistance of Kh18N10T steel upon
alternate wetting and drying

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 4,
1964, 18-21 and bottom half of insert facing p. 40

TOPIC TAGS: corrosion resistance, Kh18N10T steel, austenitic stain-
less steel, K-7 test apparatus, moisture corrosion resistance, ten-
sile force, yield strength

ABSTRACT: The corrosion resistance of austenitic stainless steel
upon prolonged exposure to alternate wetting and drying at temper-
ature 20°C was tested in the

~~toward corrosive cracking, with the corrosion becoming more~~

Card 1/3

L 14812-65
ACCESSION NR: AP4030663

2

tensile force. At 27.5-30 kg/mm² the effect of stress upon corrosion resistance is quite noticeable. At 25 kg/mm², a force somewhat less than the yield strength of the Kh18NiOT steel, the sample

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CIA-RDP86-00513R001342110006-3

art. has: 2 figures and 1 table.

ASSOCIATION: TsNII TMASH

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NR REF SOV: 002

OTHER: 000

Card 2/3

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CIA-RDP86-00513R001342110006-3"

L-14812-65
ACCESSION NR: AP4030663

ENCLOSURE: 01

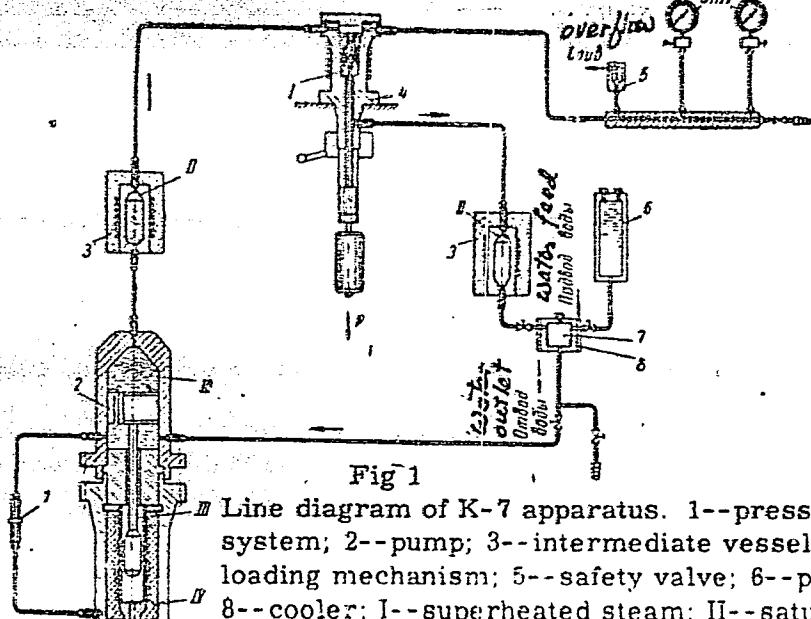


Fig 1

Line diagram of K-7 apparatus. 1--pressure equilibrating system; 2--pump; 3--intermediate vessel; 4--cartridge with loading mechanism; 5--safety valve; 6--pouring tank; 7--sampler; 8--cooler; I--superheated steam; II--saturated steam; III--water

L 64101-65

ACCESSION NR: AP5022158

HU/0021/64/000/005/0285/0288

BB

AUTHOR: Adam, Geza (Doctor); Pongor, Erzsebet (Doctor); Berta, Istvan (Berta, I.)
(Doctor); Molnar, Andras (Mol'nar, A.) (Doctor); Jona, Gabor (Yona, G.)(Doctor)

TITLE: Experimental data on the iron metabolism of irradiated patients

SOURCE: Magyar radiologiya, no. 5, 1964, 285-288

TOPIC TAGS: irradiation, biologic metabolism, radiation biologic effect, radiology

Annotations: Author's English summary modified 7 starting with the insertion.

Card 1/2

L 64101-65

ACCESSION NR: AP5022158

Orig. art. has 2 graphs and 2 tables.

Muhaceni Orvostudomanyi Egyetem Rontgenklinika (Radiological Clinic,
Mazsai Marvei Tanacs Korhaz Onkologial
Section)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3

Osztaly (No 101-54000)

SUB. CODE: 101-54000

SUBMITTED: 00

ENCL: 00

JPRS

OTHER: 007

NO REF SOV: 000

Card 2/2

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001342110006-3"

GAT, Laszlo, dr.; PONGOR, Ferenc, dr.

Allergic papilloretinitis and pulmonary tuberculosis. Tuberkulozis
17 no.6:165-167 Je '64.

1. A Debreceni Orvostudomanyi Egyetem Tbc Klinikajának (mb. igaz-
gató: Pongor Ferenc dr.) kozleménye.

PONGOR, Ferenc, Dr.

Pulmonary histiocytosis. Orv. hetil. 99 no.32:1110-1114 10 Aug 58.

l. A Debreceni Orvostudomanyi Egyetem Tbc. Klinikajának (mb. igazgató:
Pongor Ferenc dr.) kozleménye.

(EOSINOPHILIC GRANULOMA, case reports

histiocytosis X, pulm. (Hun))

(HAND-SCHUELLER-CHRISTIAN SYNDROME, case reports
same)

(LETTNER-SIWE DISEASE, case reports

same)

(LUNG DISEASES, case reports

histiocytosis X (Hun))

PONGOR, Ferenc, dr.

PAS toxicity. Tuberk. kerdesei 8 no.2:36-39 Apr 55.

1. A debreceni Allami Tbc. Gyogyintezet (igazgato-foorvos:
Pongor Ferenc dr.) kozlemenye.
(PARAAMINOSALICYLIC ACID, injurious effects,)

PONGOR, Ferenc, dr.

Examination of tuberculin prepared from chromogenous Mycobacteria.
Tuberkulosis 15 no.1:8-11 Ja '62.

1. A debreceni Orvostudomanyi Egyesem Tbc Klinikajának (mb. igazgató:
Pongor Ferenc dr.) kozleménye.

(TUBERCULIN REACTION) (MYCOBACTERIUM)

BERENCSI, Gyorgy, dr.; PONGOR, Ferenc, dr.

Catalase activity of strains of Mycobacterium tuberculosis. Tuberku-
lozis 15 no.2:42-43 F '62.

1. A debreceni Orvostudomanyi Egyetem Tbc Klinikajának (mb. igazgató:
Pongor Ferenc dr.) kozleménye.

(MYCOBACTERIUM TUBERCULOSIS chem)
(CATALASE chem)

ZEMPLEN, Geza [deceased]; BOGNAR, Rezso; PONGOR, Gabor [deceased]

Experiments for the synthesis of salicylate populin and
salicylate salicin; a new formation of triacetyl-levo-
glucosan. Magy kem folyoir 66 no.10:403-407 O '60.

1. Kossuth Lajos Tudomanyegyetem Szerves Kemial Tanszeke,
Debrecen. 2. "Magyar Kemial Folyoirat" szerkeszto bizottsagi
tagja (for Bognar).

ZEMPLEN, Geza [deceased]; BOGNAR, Rezso; PONGOR, Gabor [deceased]

Experiments for the synthesis of salicylate populin and salicylate salicin;
a new formation of triacetyl-levo-glucosan. Magy kem folyoir 66 no. 10:403-
407 O 60.

1. Kossuth Lajos Tudomanyegyetem Szerves Kemial Tanszeke, Debrecen.
2. "Magyar Kemial Folyoirat" szerkeszto bizottsagi tagja (for Bognar).

PONGOR, Magda

The public opinion of the factory should be acquainted with
the work of the factory. Munka 9 no.2:10-11 F '59.

1. "Munka" rovatvezetoje.

PONGOR, Magda; TOTH, Dezso

A conference and its lessons. Munka 12 no.11:10-11 N '62.

1. "Munka" rovatvezetoje (for Pongor). 2. Szakszervezetek Orszagos
Tanacsa termelesi osztalyanak alosztaly vezetoje.(for Toth).

PONGOR, Magda

The history of nine and a half million forints. Munka 9 no.1:
10-11 Ja '59.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Experiences obtained in the Gyor Wagon Factory. Munka 10 no.3:
11-12 Mr '60.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Marginal notes on a conference on innovation. Munka 13 no.11:
23 N '63.

1. "Munka" rovatvezetoje.

PONGOR, Magda

The work competition in honor of the Party Congress and its
perspectives at the Lang Machine Factory. Munka 12 no.9:6-7
S '62.

1. "Munka" rovatvezetője.

PONGOR, Magda

An interview with Janos Varga, secretary of the Iron Workers' Union, on the work of the Union. Munka 9 no.2:9 F '59.

1. "Munka" rovatvezetője.

PONGOR, Magda

What the whole country watches. Munka 10 no.9:8-9 S '60.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Experiences with the thrifty investment movement at the Road
and Rail Planning Enterprise. Munka 12 no.1:26 Ja '62.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Competition and automation at the Kobanya Textile Works.
Munka 10 no.4:8-9 Ap '60.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Women's movement in the Electric Machine and Cable Factory. Munka 8 no.
9-31-32 S '58.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Why do they like their workshop? Munka 14 no.5:12-13
My '64.

1. Columnist, "Munka."

PONGOR, Magda

Who have followed the instructions given by the 19th Congress of Hungarian
Trade Unions. Munka 8 no.7-9-10 Jl '58.

1. "Munka" rovatvezetoje.

PONGOR, Magda

Following the path of a forgotten movement. Munka 11 no.3:32-33
Mr '61.

1. "Munka" rovatvezetoje.

(Hungary--Textile factories)
(Hungary—Industrial management)

PONGOR, Magda

130 million forints saved in six months; the investment savings movement of the Construction Workers' Trade union. Munka 11 no.7: 4-5 Jl '61.

1. "Munka" rovatvezetője.

(Hungary—Construction workers)
(Hungary—Savings and investment)

PONGRAC, Endres, dr.; DAUDA, Gyorgy, dr.; DEVENYI, Istvan, dr.; SZUCS,
Laszlo, dr.

Relation of the pressor activity of kidney tissue extracts and
the juxtaglomerular granulation cell content of the kidney.
Orv. hetil. 105 no.48:2282-2283 29 N '64.

1. Debreceni Orvostudomanyi Egyetem, Korbonctani Intezet.

PONGRAC, I.

"Experiences of the Plan of Technical and Organizational Measures Month in the Caliber Factory", p. 11

"The Stakhanovite and Innovator Panel in the Szikra Printing Establishment", p. 12

"National Innovator Panel of Textile Industrial Workers", p. 12

"A Discussion on the Problems and Shortcomings of the Innovator Movement in Metallurgy", p. 13 (UJITOK LAPJA, Vol. 5, no. 23, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

PONGRAC, Jilly, Dr.; LAJOS, Istvan, Dr.

Data on the pathography of essential pulmonary hemosiderosis. Orv. hetil.
99 no.30:1029-1036 27 July 58.

1. A Vasmegyei Tanacs Markusovszky Korhaza (igazgato-foorvos: Kados
Laszlo dr.) Haematologiai Osztalyanak (foorvos: Istvan Lajos dr.)
kozlemenye.

(HEMOSIDEROSIS
pulm., idiopathic (Hun))

(LUNG DISEASES
hemosiderosis, idiopathic (Hun))

GORENYI, Emil, okleveles gépeszmérnök; MARCSI, József; BENES, Zoltán, okleveles gépeszmérnök; ALMADI, József; JAKUS, Vendel; BENCZE, László; PORA, Ferenc; KOVÁCS, Lajos; PONGRÁC, Vladimír; BÉBÉS, János.

Results obtained in developing gas appliances used in the heavy industry. Energia atom 18 no.1:55-60 Ja '65.

1. Combustion Engineering Research Institute of the Ministry of Metallurgy and Machine Industry (for Gorenyi). 2. National Petroleum and Gas Industry Trust, Budapest (for Benes). 3. Ministry of Heavy Industry, Budapest (for Kovacs).